

FIG. 1

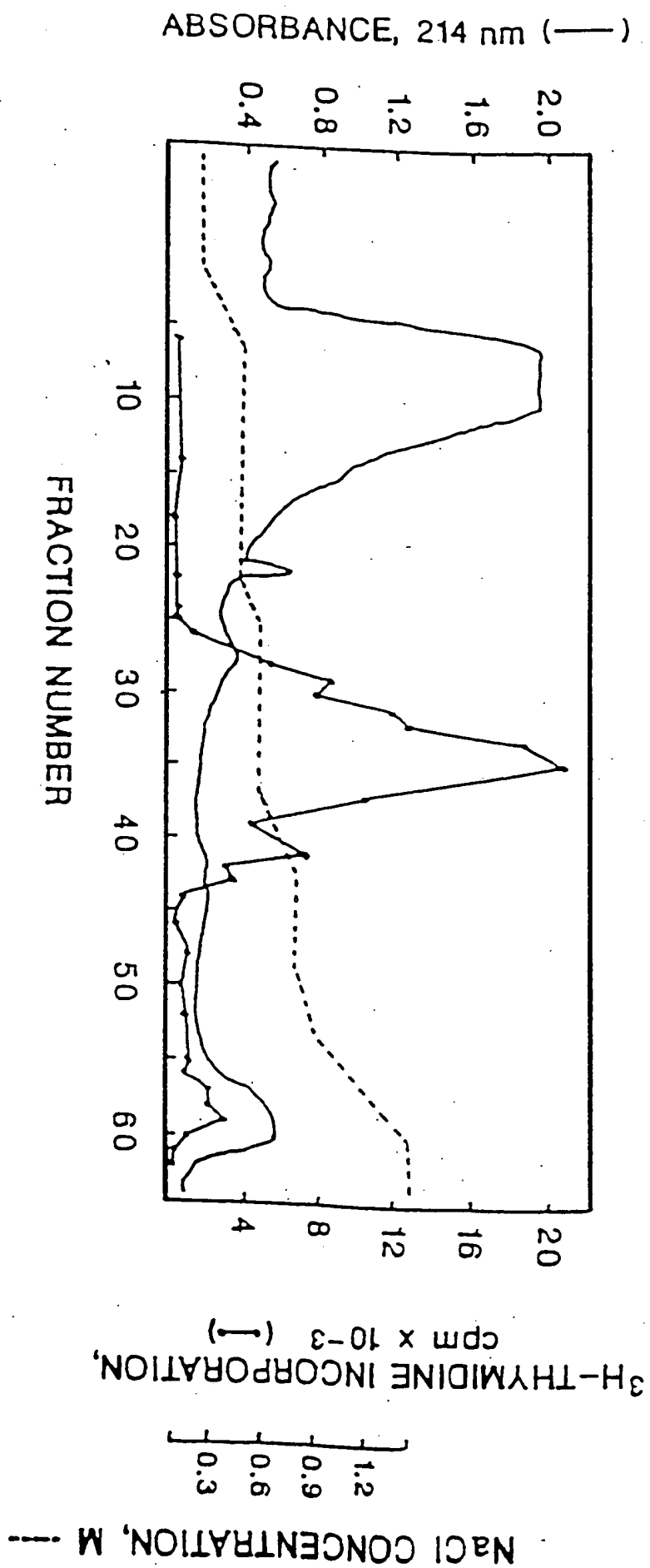


FIG. 2A

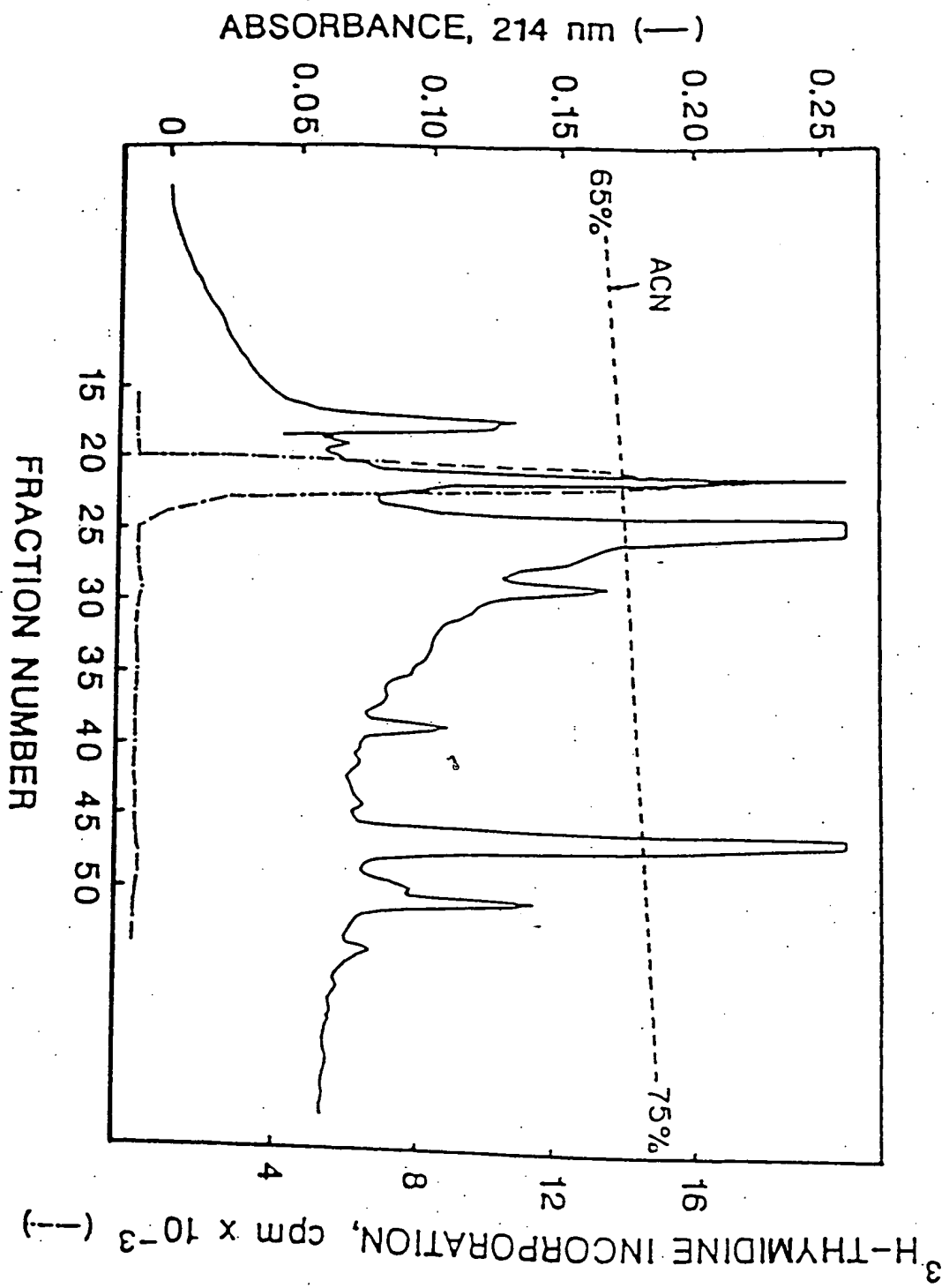


FIG. 2C

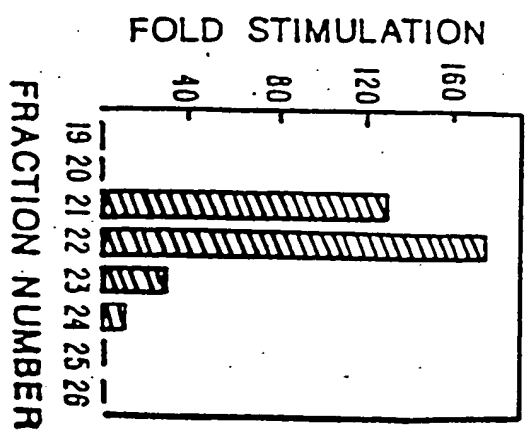
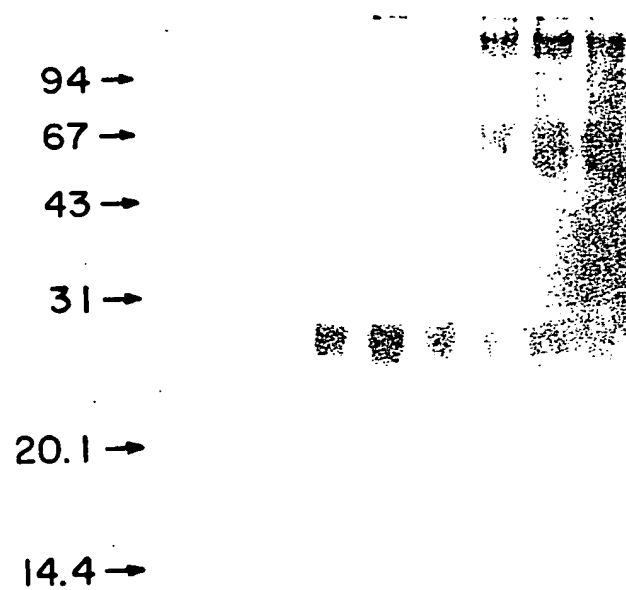


FIG. 2B



19 20 21 22 23 24 25 26
FRACTION NUMBER

FIG. 3

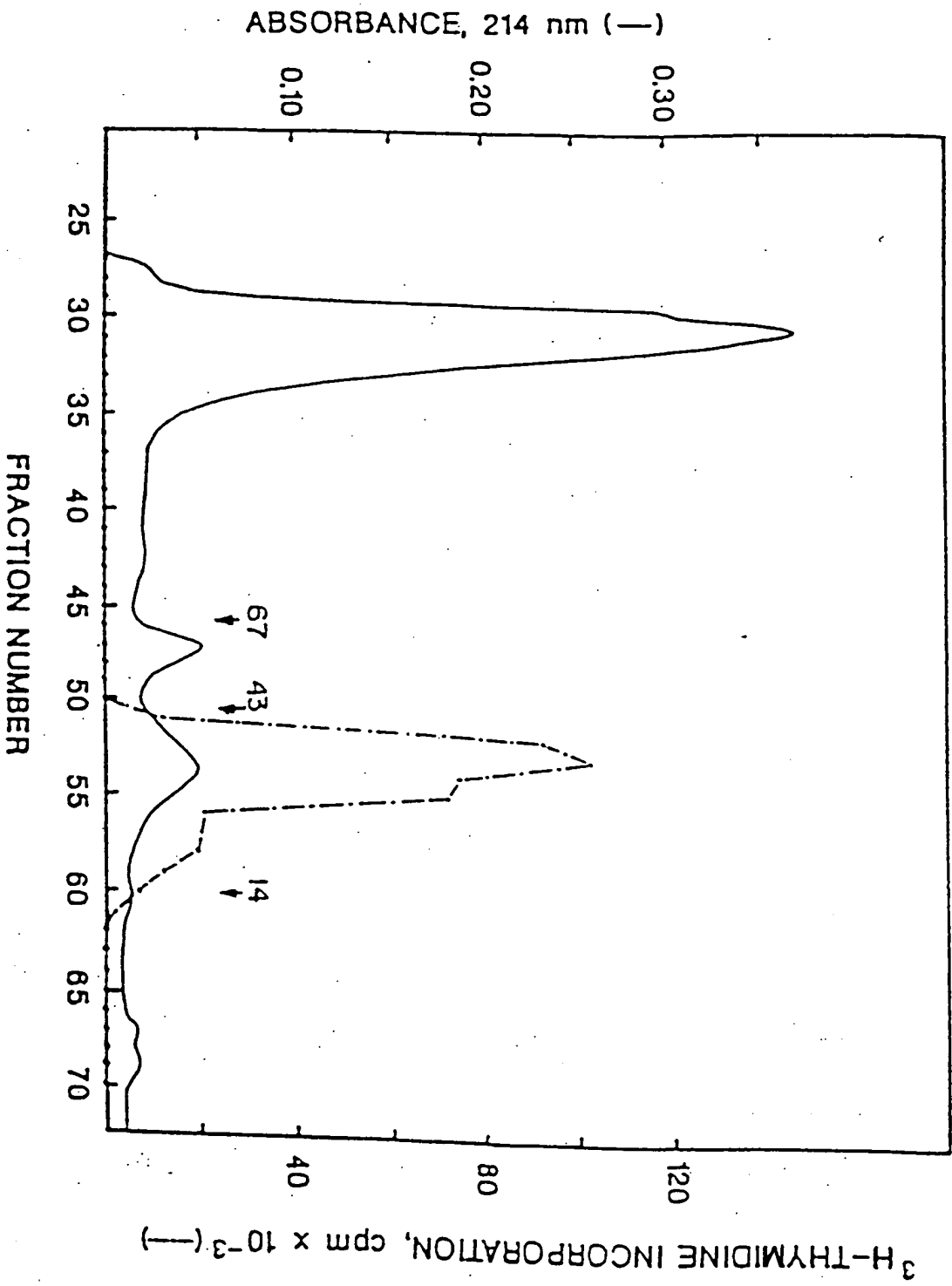


FIG. 4

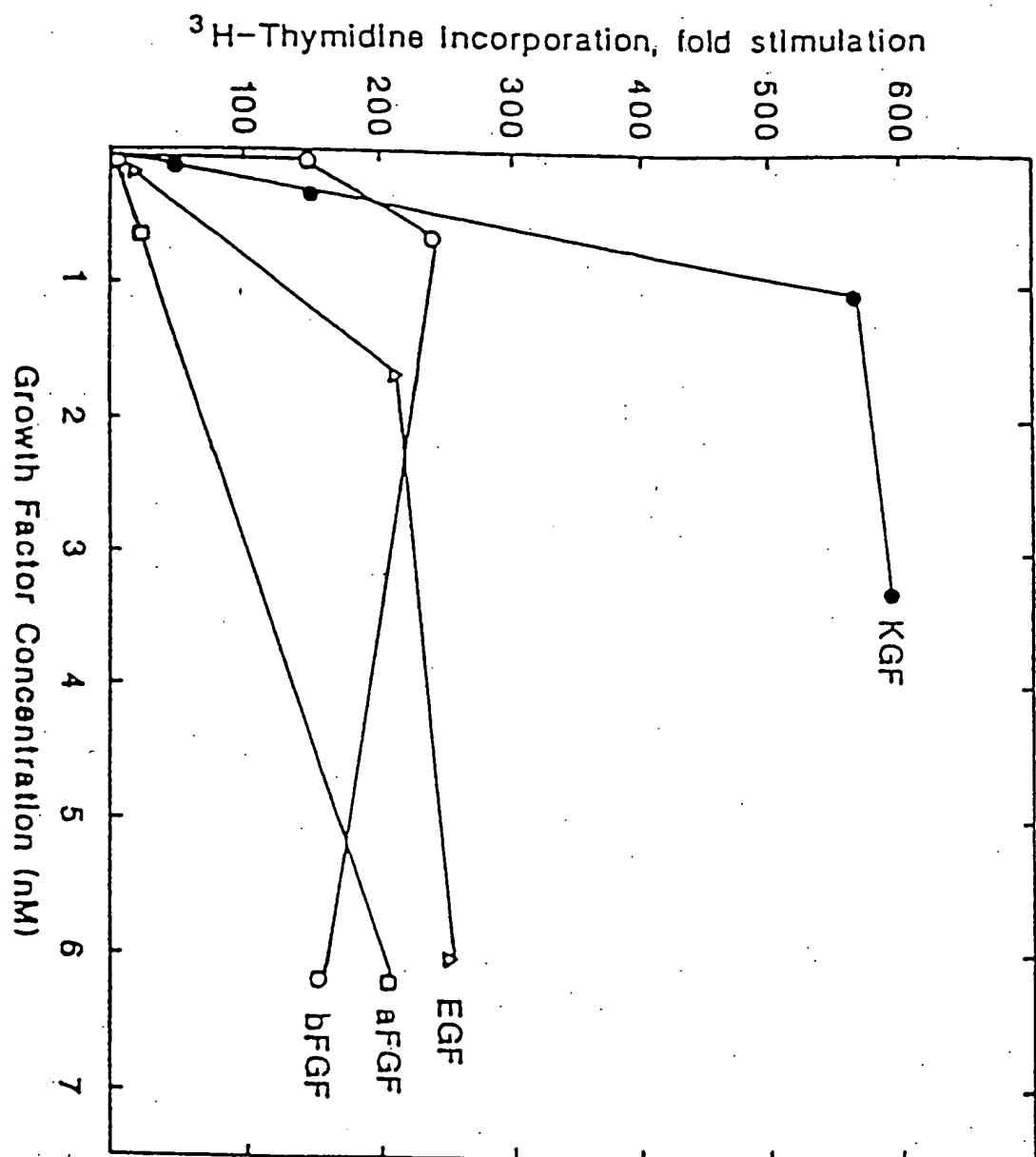


FIG. 5(a) FIG. 5(b) FIG. 5(c) FIG. 5(d)

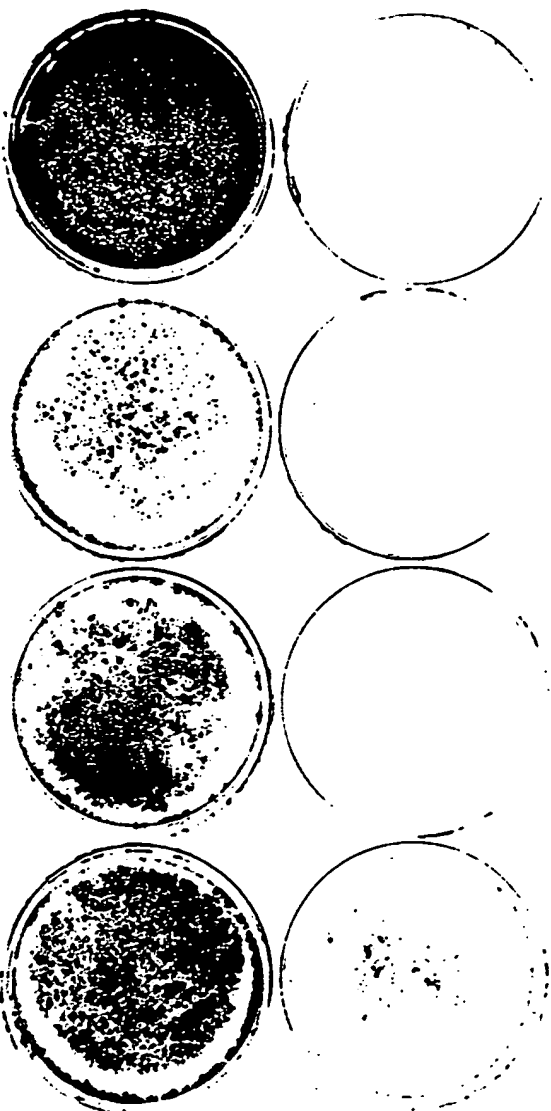


FIG. 5(e) FIG. 5(f) FIG. 5(g) FIG. 5(h)



FIG. 6

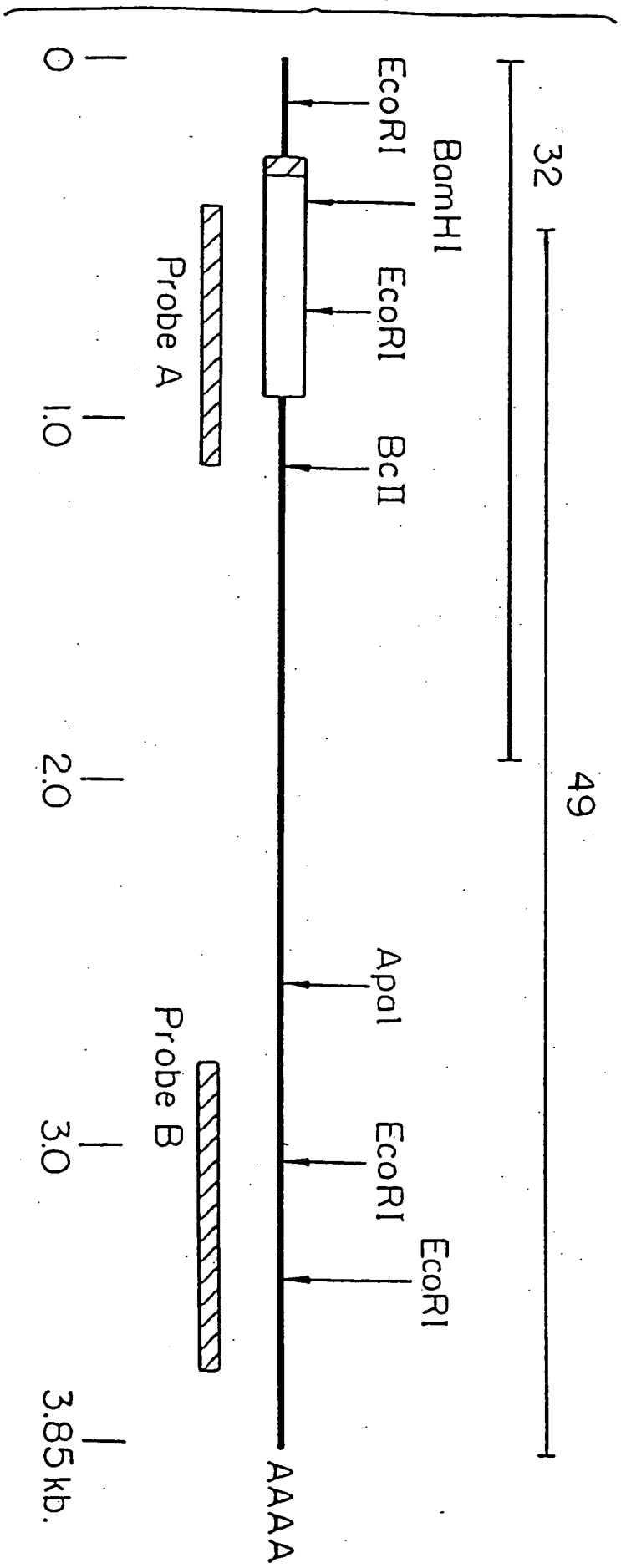


FIG. 7A

FIG. 7B

1 ACGCGCTCACACACAGAGAGAAAATCCTTCTGCCTGTTG
121 GCACCAGGCAGACAACAGACATGGAATTCTTATATATCC
241 TTATCAACAGAGTTATTTAAGGAGGAATCCTGTGTTGTT

361 AAGAGGTCAATGACCTAGGAGTAACAATCAACTCAAGAT

20
L L Y R S C F H I I C L V
481 TTTCCTCTACACATCATGCTTTCACATTATCTGTCTAGT

60
T R S Y D Y M E G G D I R
601 CACAAGAAGTTATGATTACATGGAAGGAGGGGATATAAG

100
N N Y N I M E I R T V A V
721 GAATAATTACAATATCATGGAATCAGGACAGTGGCAGT

140
C N E D C N F K E L I L E
841 ATGCAATGAAGATTGTAACCTCAAAGAACTAATTCTGGA

180
P V R G K K T K K E Q K T
961 TCCTGTAAGAGGAAAAAAACGAAGAAAGAAQAAAAAAC

1081 TGGACTGTTTTCTTTCTTCTCAAAATTTTCTTTTCTTTT
1201 ACACCTGCATTAAAGAAAGATTTGAAAAGTATACACAAAA
1321 TAAATTAAATTTACCTTTAAGAGTATGTTAGATTTTGATTA
1441 GGTATATCAGACCTACAGGCTTCTGGCAGGATTTGTCAG
1561 AATCAGAAAAAAATTTCTCAAAAAAACTATTATGAAAGT
1681 TCAAGTGGAAAGGGTATTGCTAAAAGGATGTTTCCAAAA
1801 CCTCAAAGTAAAATTGAGAAATCTTTAAGTTTTTTTCAA
1921 TTCCTATGGTTACAGCATTAACCTCTATTTTAAAGTTGTT
2041 TTTTAAATTTTAAAGGAATAACAAAACTGTCTGGCTCAAC
2161 ATAAGAGCCTGAAGCAATGCTTACAATAGATGTCTCACA
2281 ATATAAGTATTTACAGGATTTTAAAGTTAGAATATATTT
2401 TGTTCAAAGGGTGGCAGCACTGAAAGTTGTTTTCTGTT
2521 CCTACAGATAACAGGATTATTACAAGGATGAATTTCCAC
2641 GTATGCTAACCCTGTGGTTTTTAATTTCAAATATTTGT
2761 CAATAGATTCAATTTAATTTTCTGTGGTTGACCTATACG
2881 CACCTGATTCAAGGACTTTGCTAGCTAGGTTTTGAGGTC
3001 GCAGACTATCTGTTTCAATCAGTTTTTCAGTGTGAATTC
3121 TTAAATAGAAATAGTGTATATACATATAAAATACAAGCT
3241 ATTTAGTGGTAAATCCATTCCTGGTAGTATAAGTCACT
3361 AAATTTGCTCTAGTTACACACCTTTAGAAATCTAGAAATA
3481 GCTGGGTAGATATACAGCTGTCCAAAGAGTCTAGATCAG
3601 AGATATAGCCTTTTACATTTGTACACAAATGTGACTATGT
3721 TCAATTCTGATTCTTATTCACCTTTTGTATGAATGGA
3841 TCTAACAAATTAGAAAAAAACAAAAAAACAAAAAA

FIG. 7B

FIG. 7B

FIG. 7A

FIG. 7C

ATTTATGGAAACAATTATGATTCTGCTGGAGAACTTTT
AGCTGTTAGCAACAAAACAAAAGTCAAATAGCAAACAG
ATCAGGAACTAAAAGGATAAGGCTAACAATTTGGAAAG

TCATTTTTCATTATGTTATTTCATGAACACCCGGAGCACT

30
G T I S L A C N D M T P
CGGTACTATATCTTTAGCTTGCAATGACATGACTCCAG

70
V R R L F C R T Q W Y L
AGTGAGAAGACTCTTCTGTGCAACACAGTGGTACCTGA

110
G I V A I K G V E S E F
TGGAATTGTGGCAATCAAAGGGGTGGAAAGTGAATTCT

150
N H Y N T Y A S A K W T
AAACCATTACAACACATATGCATCAGCTAAATGGACAC

190
A H F L P M A I T *
AGCCCACTTTCTTCCTATGGCAATAACTTAAATTGCATA

ATTTTTTTAGTAATCAAGAAAGGCTGGAAAAACTACTGA
ATCAGATTTTAGTAACTAAAGGTTGTAAAAAATTGTAAA
TCTGATAATGATTATTTAAATATTCTCTATCTGCTTATA
ATAATCAAGCCACACTAACTATGGAAAAATGAGCAGCAT
CAATAAAAATAGATAATTTAACAAAAGTACAGGATTAGA
ATCTTGTATATAAGATAGCAACAGTGATTGATGATAAT
GTAACATAATCTATCTTTGTATAATTCATATTTGGGAA
TTTGAACCTTTATTGTTTGTATTATTAAAGTTTATGTTAT
GGCAAGTTTCCCTCCCTTTTCTGACTGACACTAAGTCT
CAGAACAATACAAATATGTAAAAACTCTTTTACCACAT
GAATGCATGGGTAGAAAAATATCATATTTTAAACTATG
AGATGGCAAGAGCACAATGCCCAAAATAGAAGATGCAG
TTCAAAAGTCTTTTCATTGGCAGATCTTGGTAGCACTTT
CATTCAAGTCCCTTTTACATAAATAGTATTTGGTAATAC
ACCAGGATGTAGAAAACTAGAAAGAACTGCCCTTCTCTC
AGGCTTTCAGTAACTGTAGTCTTGTGAGCATATTGAGGG
ACTGAATGTTTATAGACAAAAGAAAATACACACTAAAA
ATGTTAGGACCAAATGCTCTTTGTCTATGGAGTTATAC
AAAAAAGACTTCTAGAAATATGTACTTTAATTATTTGT
TTAAAACCTGTAAGGGGCCCTCCATCCCTCTTACTCATTT
TTAGCACATGCTTTTCTACTCTTCGATTATTAGTATTAT
CTTGGCAATGCACTTTCATACACAATGACTAATCTATAC
AAGCTTTGTGCAAAATATACATATAAGCAGAGTAAGCC

FIG. 7A

FIG. 7C

FIG. 7C

FIG. 7B

CAGCTGAGAAATAGTTTGTAGCTACAGTAGAAAGGCTCAAGTT
CGTCACAGCAACTGAACCTTACTACGAACTGTTTTTATGAGGAT
AGCAAGTACTCTTCTTAAATCAATCTACAATTACAGATAGG

ACACTATAATGCACAAATGGATACTGACATGGATCCTGCCAAC

E Q M A T N V N C S S P E R H
 AGCAAATGGCTACAAATGTGAACTGTTCCAGCCCTGAGCGACA

R I D K R G K V K G T Q E M K
GGATCGATAAAAGAGGCAAAGTAAAAGGGACCCAAGAGATGAA

Y L A M N K E G K L Y A K K E
ATCTTGCAATGAACAAGGAAGGAAACTCTATGCAAAGAAAGA

160 170
H N G G E M F V A L N Q K G I
ACAACGGAGGGGAAATGTTTGTTGCCTTAAATCAAAAGGGGGAT

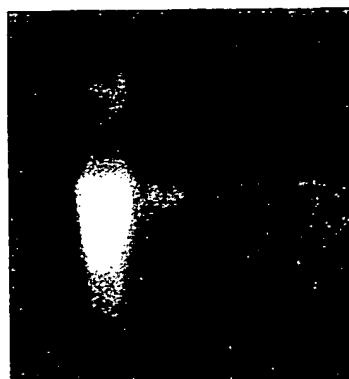
TGGTATATAAAGAACCCAGTTCAGCAGGGAGATTTCTTTAAG

AAAA C T G A T C A A G C T T G G A C T T T G T G C A T T T T A T G T T T G T T T T A A G
 A C T G G T T G T A C A A T C A T G A T G T T A G T A A C A G T A A T T T T T T T C T
 A A A T G G C T G C T A T A A T A A T A A T A C A G A T G T T G T T A T A T A A
 T T T A A A T G C T T T C T A G T G A A A A A T T A T A A T C T A C T T A A A C T C T
 A C A T G C T T A T A C C T A T A A A T A A G A A C A A A A T T T C T A A T G C T G C
 A C T G T A C T T C A T C T T A C T T G C C A C A A A A T A A C A T T T T A T A A A T
 T A T G G C T T T T A A T A A T G T T C T T C C C A C A A A T A A T C A T G C T T T T
 T T A T A A A A A A A A A C C T T A A T A A G C T G T A T C T G T T T C A T A T G C
 A G C A C A C A G C A C T T G G G C C A G C A A A T C C T G G A A G C A G A C A A A A
 A T T C T T G C C A A T T A A T T G G A T C A T A T A A G T A A A A T C A T T A C A A
 T A T A T T T A A A T T T A G T A A T T T T C T A A T C T C T A G A A A T C T C T G C
 T T A A G A A T A A G G G C C C T G A A T G T C A T G A A G G C T T G A G G T C A G
 A T A T G T T C A C C A A T G G G A G G T C A A T A T T T A T C T A A T T T A A A A G
 A T T T A T A G A T G A G A G T T A T A T G A A A A G G C T A G G T C A A C A A A A A
 A G A T A T A C T C T T G G G A G A G A G C A T G A A T G G T A T T C T G A A C T A T
 C A G A G G A G G A C T T T A G T T T T T C A T A T G T G T T T C C T T A G T G C C T A
 C T A A T C T T C A T T T T A A A A G G G T A A A A C A T G A C T A T A C A G A A A T
 T T C C A T C A A A T T A C A T A G C A A T G C T G A A T T A G G C A A A A C C A A C
 T T T T C T C C T A T T T T T A A A T T T A T T A T G C A A A T T T T A G A A A A T A
 G T A G T C T A G G A A A T T T G A G A T T T T G A T A C A C C T A A G G T C A C G C A
 T A G C T A A T G G T C T T T G G C A T G T T T T T G T T T T T T A T T T C T G T T G
 T G T G A T G A T T T G A C T C A A A A G G A G A A A A G A A A T T A T G T A G T T T
 T T T T A A A A A T G T T C T T T G A A A G A T A A A A A T A A A T A C A T G A G T T

FIG. 7B

FIG. 8

a b c d



-28S

-18S

FIG. 9

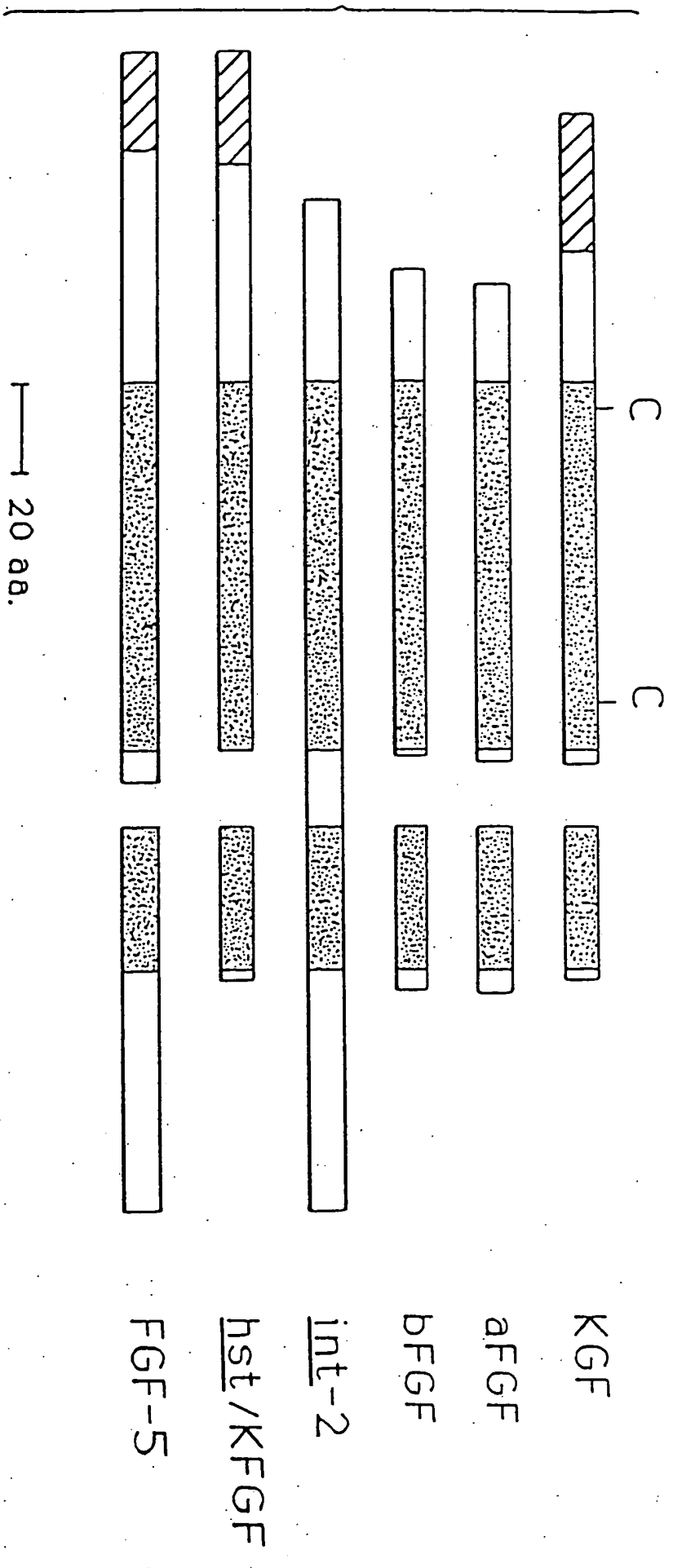


FIG. 10

